

$$G = \begin{bmatrix} 1011 \\ 1101 \end{bmatrix}$$

FIG. 1a

	MESSAGE:	00	10	01	11	SYNDROME
	CODE:	0000	1011	0101	1110	$\begin{pmatrix} 0 \\ 0 \end{pmatrix}$
16	COSET:	1000	0011	1101	0110	$\begin{pmatrix} 1 \\ 1 \end{pmatrix}$
	COSET:	<u>0100</u>	<u>1111</u>	0001	1010	$\begin{pmatrix} 0 \\ 1 \end{pmatrix}$
	COSET:	0010	1001	0111	1100	$\begin{pmatrix} 1 \\ 0 \end{pmatrix}$
	COSET LEADERS					

FIG. 1b

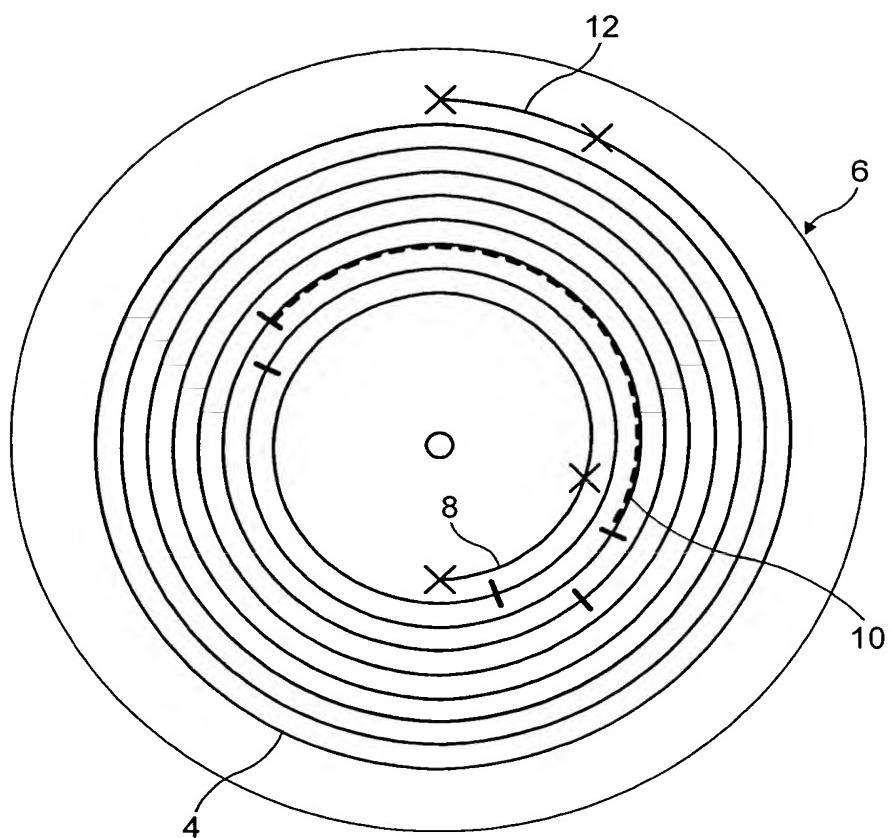


FIG. 2

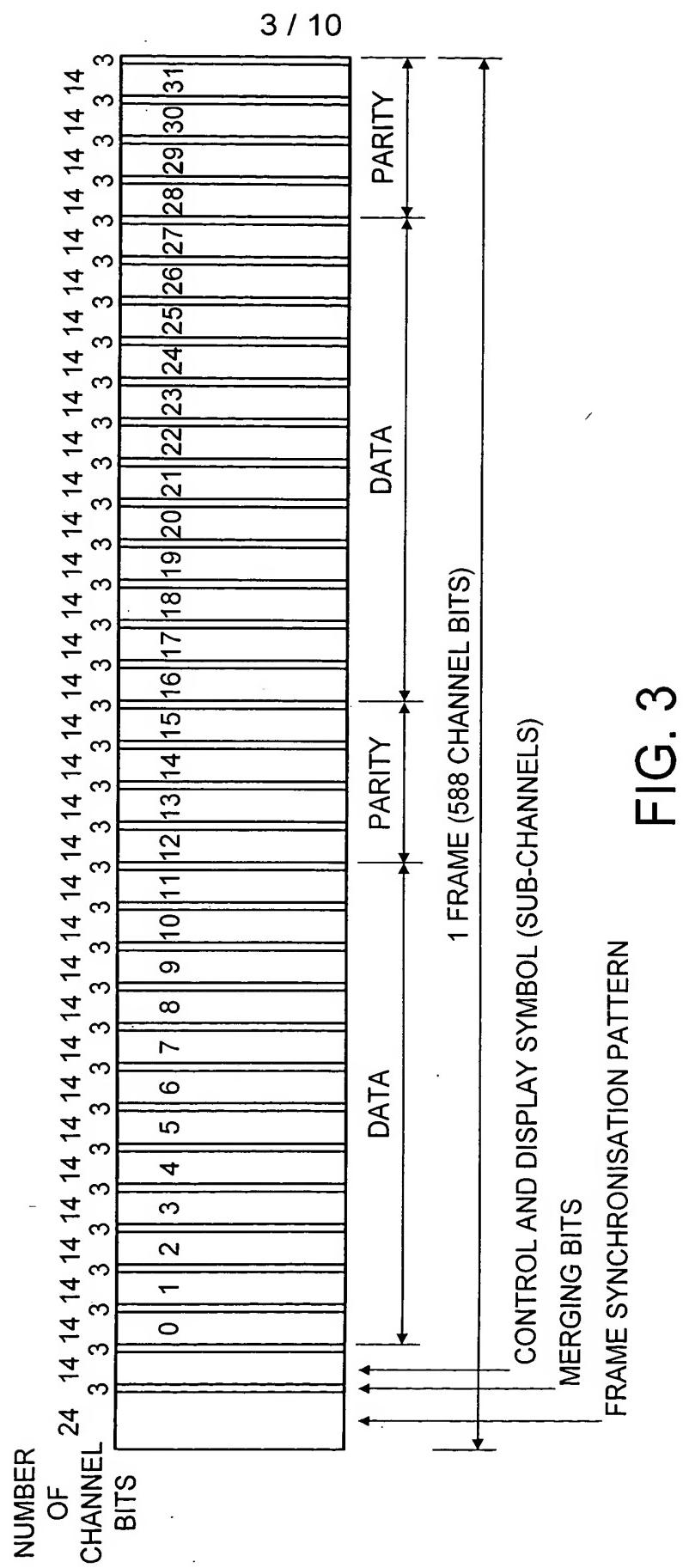


FIG. 3

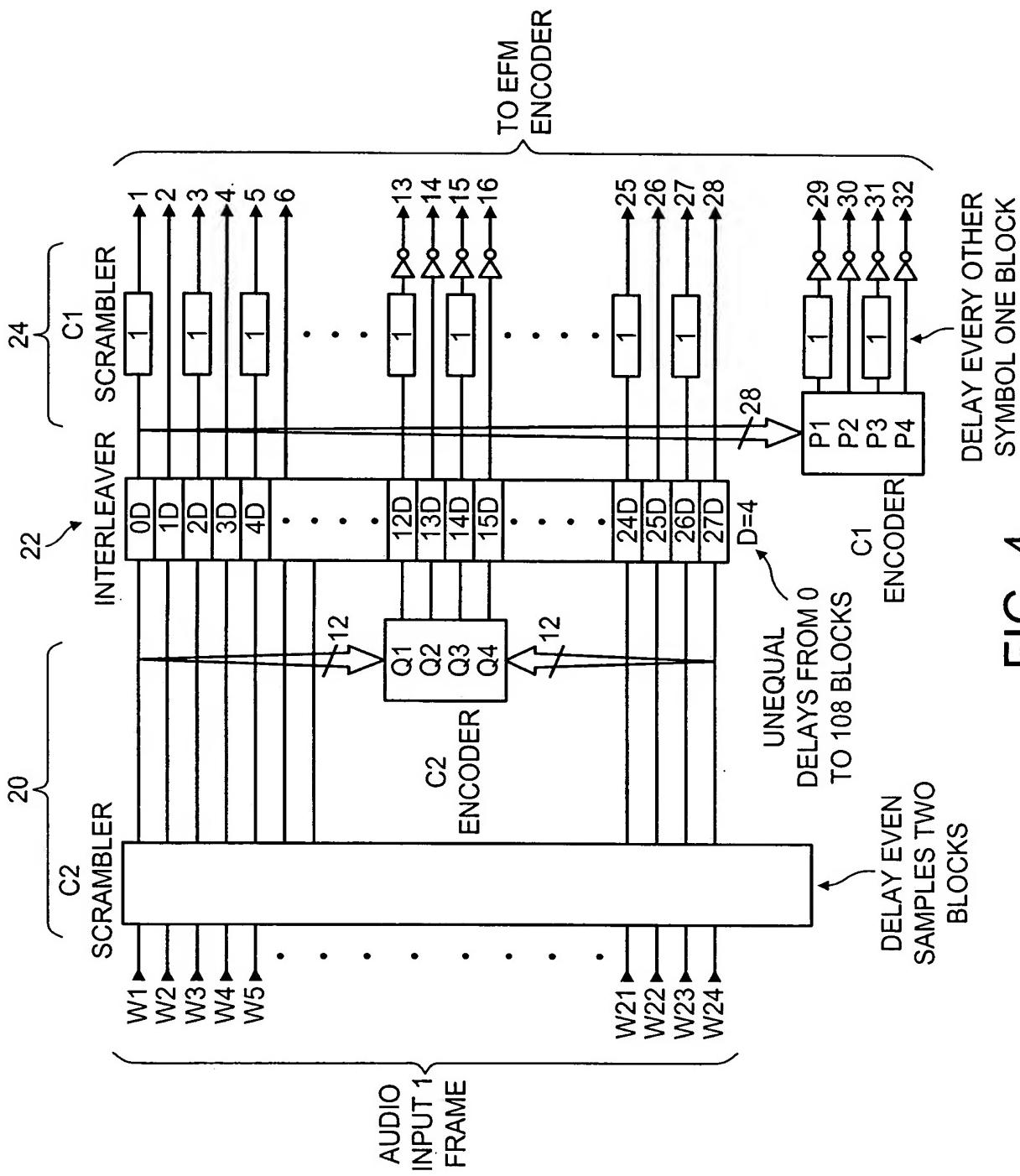


FIG. 4

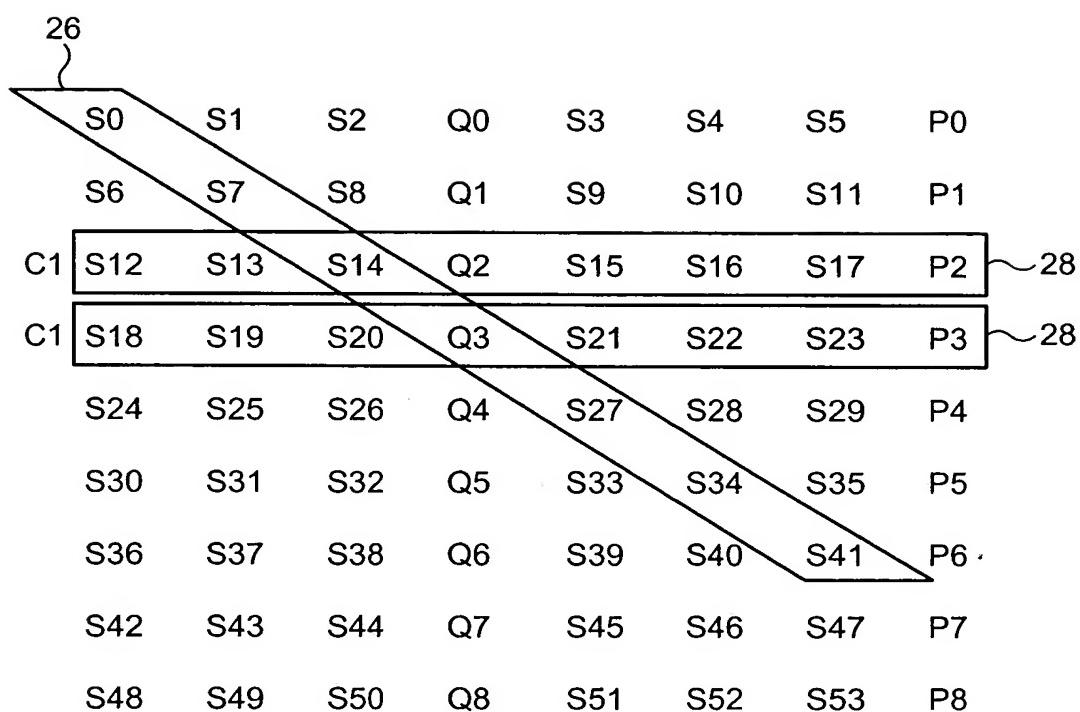


FIG. 5

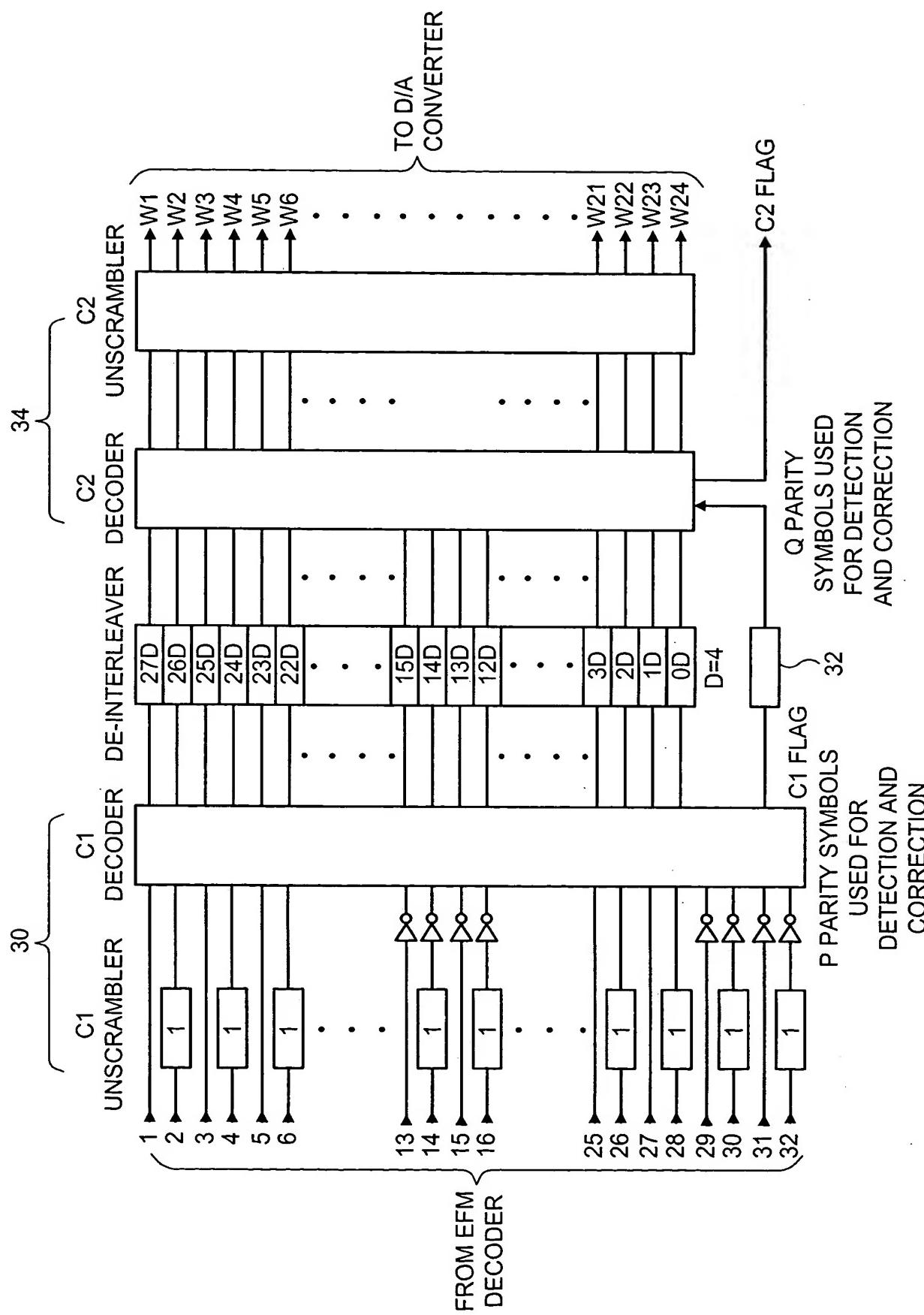


FIG. 6

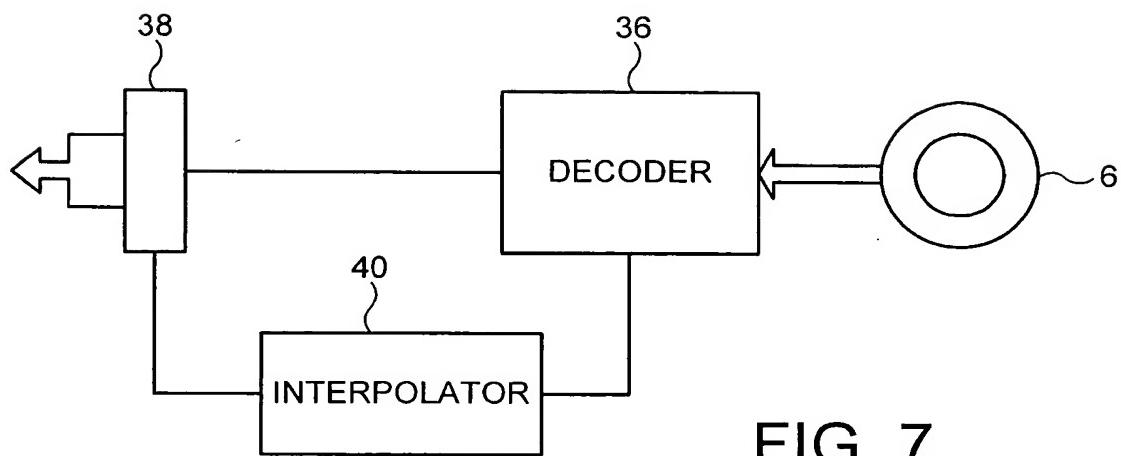


FIG. 7

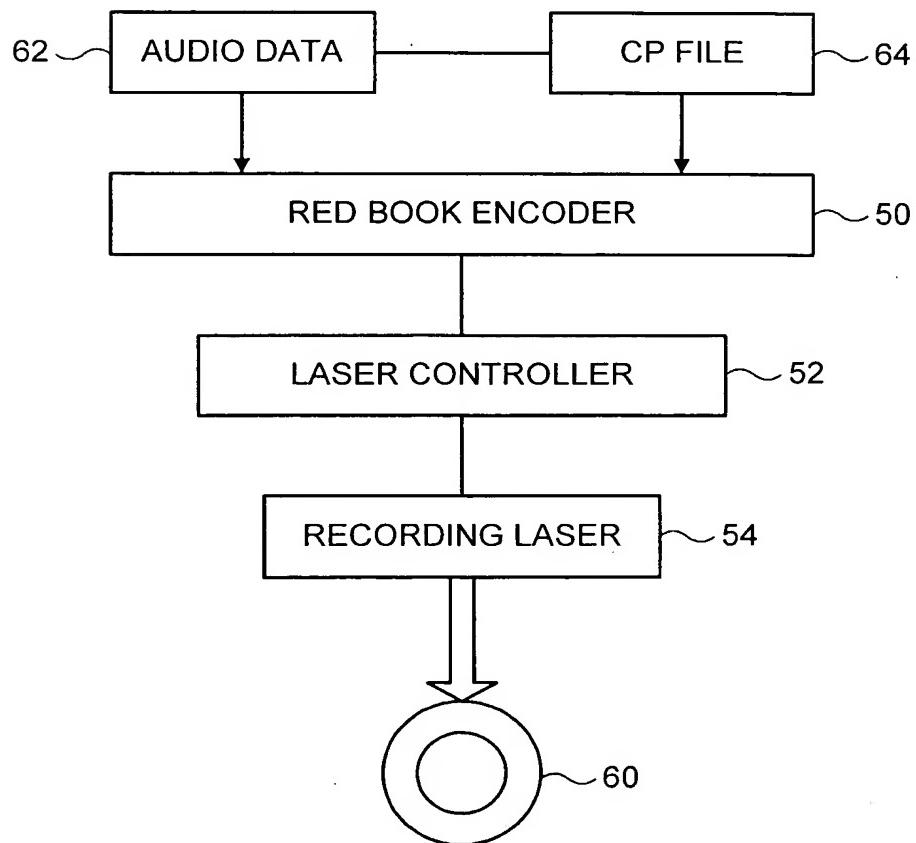


FIG. 8

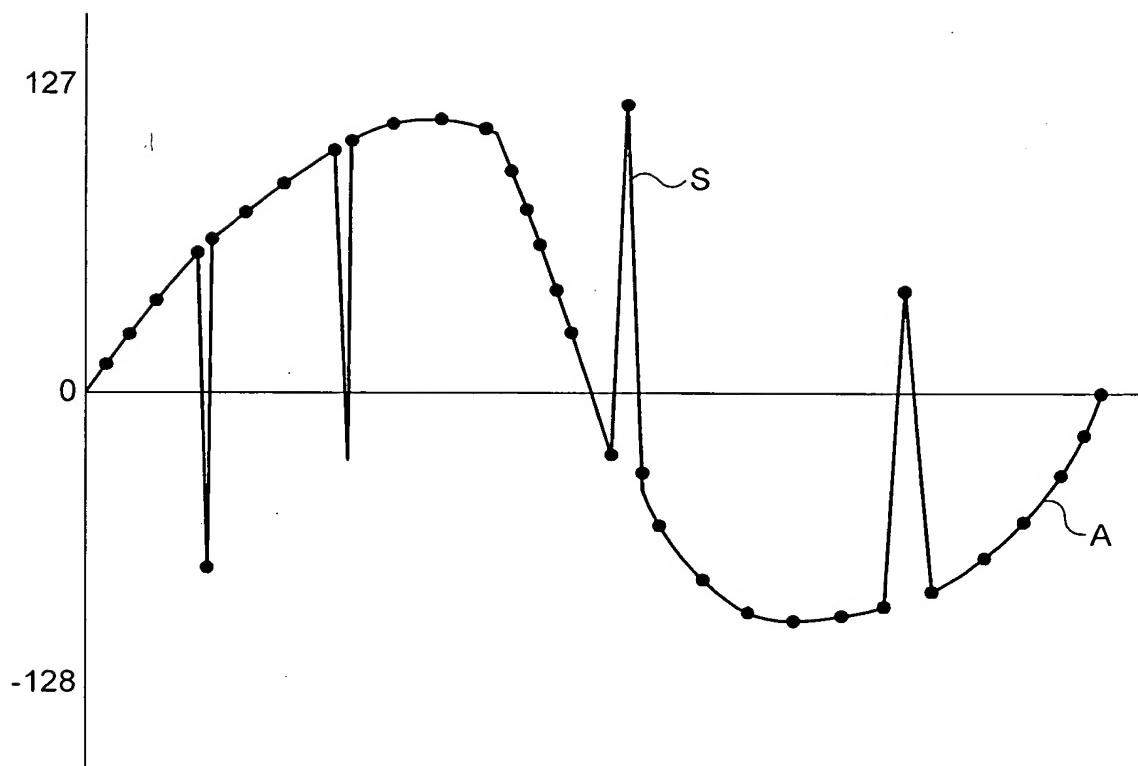


FIG. 9

127	0111 1111	0x7F
126	0111 1110	0x7E
1	0000 0001	0x01
0	0000 0000	0x00
-127	1000 0001	0x81
-128	1000 0000	0x80

a

b

FIG. 10

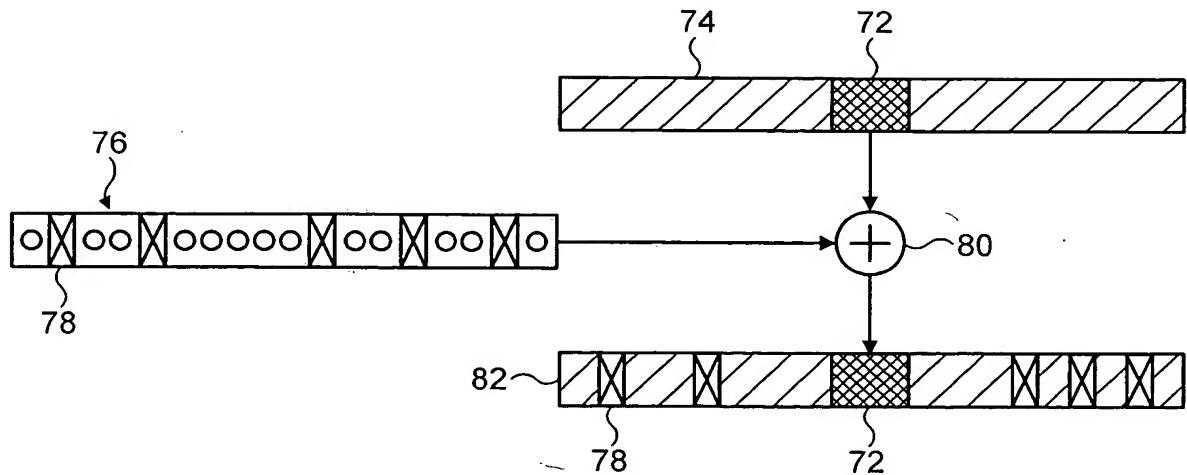


FIG. 11

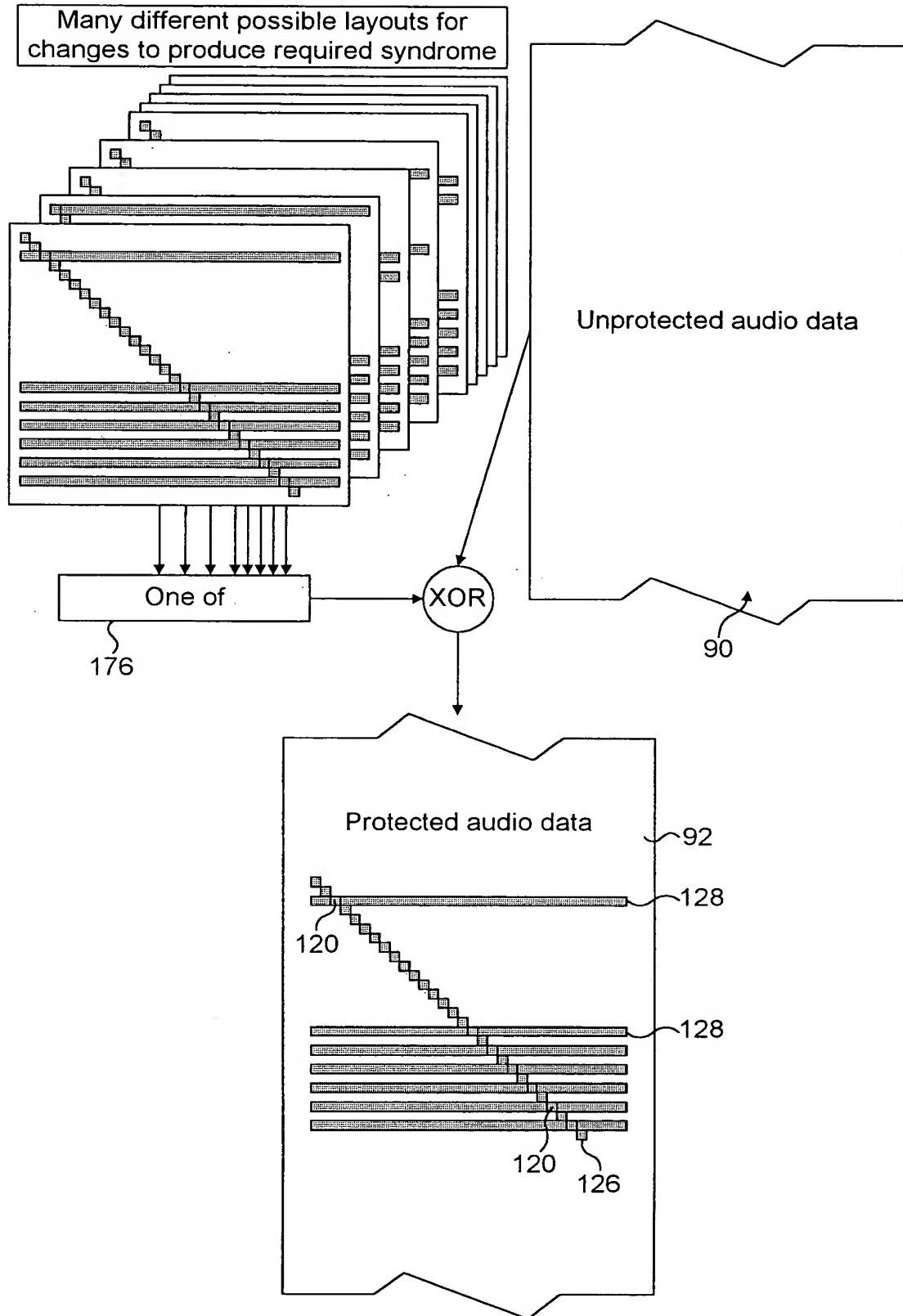


FIG. 12